

## **PHOSPHOR BASED LIGHT SOURCES HAVING A REFLECTIVE POLARIZER**

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### ABSTRACT

A LED package includes an LED that emits excitation light and an optically transparent body. A layer of phosphor material is positioned to receive the excitation light and is disposed on or in the optically transparent body. The phosphor material emits visible light when illuminated with the excitation light. A reflective polarizer 10 layer is disposed on or in the optically transparent body and is positioned to receive the emitted visible light.